

The seal of the City of Houston, Texas, is a circular emblem. It features a five-pointed star at the top center. Below the star is a steam locomotive on tracks, with smoke rising from its smokestack. To the left of the locomotive is a lighthouse. Below the locomotive is a plow. The words "CITY OF HOUSTON" are written in a circular path around the top half of the seal, and "TEXAS" is written around the bottom half. The seal is rendered in a light gray, watermark-like style.

# **OPERATIONAL & MAINTENANCE IMPACT**

## Operational & Maintenance Impact

Public Improvement Programs in the FY2018– 2022 CIP have been analyzed to determine their projected impact on the operational budget. Operational & Maintenance (O&M) costs are funded from the General Fund and are identified by departments. Only projects with impacts above \$10,000 annually are presented.

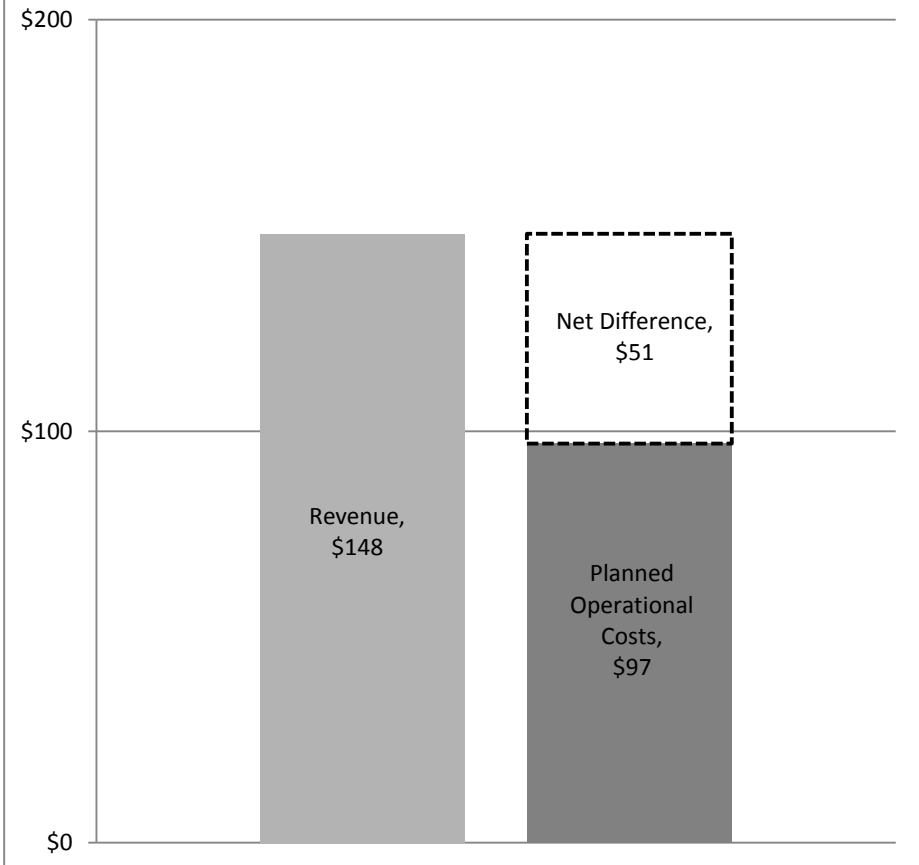
O&M impact refers to the personnel, supplies, services, equipment, and non-capital costs related to a project and revenue and savings generated as a result of a project. Operating costs include staffing, maintenance or service (including electrical) costs related to new, renovated or expanded facilities.

Of the estimated 200 Public Improvement projects within the Adopted FY2018 – 2022 CIP, there are 30 projects with O&M impacts totaling \$15 million over the five years. In 2018, revenue is an estimated \$148,000 resulting in a positive impact as personnel, services and other O&M total \$97,000.

### Highlights of Adopted FY2018 - 2022 CIP include:

- The Houston Parks and Recreation Department has estimated the Squatty Lyons project to have a \$250k impact to services and personnel costs over the five years.
- Administration and Regulatory Affairs has estimated \$445k in increased revenue related to the replacement of Parking Pay Stations.
- The Houston Police Department has estimated an increased cost of \$2.3 million over five years (\$533k annually), primarily related to personnel for the body cameras project. The O&M impact of this project was first included in the FY2017 budget as part of the initial rollout of the project.
- The Houston Health Department has estimated the Sunnyside Multi-Service Center/Health Center project to have a \$511k impact to services costs over the five years.

### FY2018 General Fund O&M Impact (\$ Thousands)



**2018 - 2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - OPERATIONAL IMPACT\***

Project Allocation						2018-2022
	2018	2019	2020	2021	2022	
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 30	\$ 1,916	\$ 2,235	\$ 2,510	\$ 2,510	\$ 9,201
Personnel	\$ 50	\$ 635	\$ 757	\$ 882	\$ 1,046	\$ 3,369
Services	\$ 17	\$ 192	\$ 534	\$ 1,146	\$ 1,177	\$ 3,066
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal</b>	<b>\$ 97</b>	<b>\$ 2,743</b>	<b>\$ 3,526</b>	<b>\$ 4,538</b>	<b>\$ 4,733</b>	<b>\$ 15,637</b>
Revenue	\$ 148	\$ 148	\$ 148	\$ -	\$ -	445
Savings	\$ -	\$ -	\$ 50	\$ 50	\$ 50	150
<b>**Subtotal</b>	<b>148</b>	<b>148</b>	<b>198</b>	<b>50</b>	<b>50</b>	<b>595</b>
<b>Grand total</b>	<b>\$ (51)</b>	<b>\$ 2,594</b>	<b>\$ 3,327</b>	<b>\$ 4,488</b>	<b>\$ 4,683</b>	<b>\$ 15,041</b>

\* Does not include Enterprise Funds

\*\*Revenue and savings are shown as offsets to planned operational costs.

**GENERAL GOVERNMENT OPERATIONAL IMPACT**  
**2018 - 2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2018-2022
		2018	2019	2020	2021	2022	
C-000181	Fire Station 40 Replacement Services	-	-	54	54	54	162
	Project Total	-	-	54	54	54	162
D-000180	Alief MSC, Community Center and Library Services	-	-	-	489	489	978
	Project Total	-	-	-	489	489	978
D-000211	City Wide Key Program Services	-	-	25	25	25	75
	Project Total	-	-	25	25	25	75
D-000221	City Wide Intrusion System Upgrade Personnel	-	-	-	120	120	240
	Project Total	-	-	-	120	120	240
D-000226	Facility Condition Reassessments Personnel		93	98	103	108	402
	Project Total	-	93	98	103	108	402
D-650005	ARA - Parking Pay Station Replacement Revenue	(148)	(148)	(148)	-	-	(445)
	Savings	-	-	(50)	(50)	(50)	(150)
	Project Total	(148)	(148)	(198)	(50)	(50)	(595)
E-000098	Moody Neighborhood Library - Replacement Services	-	-	31	42	42	115
	Project Total	-	-	31	42	42	115
F-000705	Squatty Lyons Personnel	25	50	50	50	50	225
	Services	5	5	5	5	5	25
	Project Total	30	55	55	55	55	250
F-000782	International District Trail Development Personnel	-	-	-	-	12	12
	Project Total	-	-	-	-	12	12
F-000785	Edgewood Park Community Center Personnel	-	-	-	-	147	147
	Services	-	-	-	-	5	5
	Project Total	-	-	-	-	152	152
F-000849	Restroom Building Upgrades Personnel	25	25	25	25	25	125
	Services	12	12	12	12	12	60

**GENERAL GOVERNMENT OPERATIONAL IMPACT**  
**2018 - 2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2018-2022
		2018	2019	2020	2021	2022	
	<b>Project Total</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>185</b>
<b>F-000853</b>	<b>Brock Adventure Park (BAP)</b>						
	Personnel	-	10	15	15	15	55
	Services	-	90	180	180	180	630
	<b>Project Total</b>	<b>-</b>	<b>100</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>685</b>
<b>G-000150</b>	<b>Police Academy Improvements</b>						
	Services	-			4	4	7
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>4</b>	<b>7</b>
<b>G-000172</b>	<b>New Police Academy Rifle Range</b>						
	Services	-			41	41	83
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>41</b>	<b>41</b>	<b>83</b>
<b>H-000091</b>	<b>Sunnyside MSC/HC</b>						
	Services	-	85	142	142	142	511
	<b>Project Total</b>	<b>-</b>	<b>85</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>511</b>
<b>H-000117</b>	<b>Commerce Warehouse - Expansion</b>						
	Services	-	-	-	20	20	40
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>20</b>	<b>40</b>
<b>L-000107</b>	<b>Bioremediation of Pollution Controls</b>						
	Services	-	-	25	25	25	75
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>75</b>
<b>L-000108</b>	<b>Storm Water Mitigation</b>						
	Services	-	-	-	-	25	25
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>25</b>
<b>X-100013</b>	<b>HPD - Smartphone App for Citizens</b>						
	Services	-	-	20	20	20	60
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>60</b>
<b>X-100014</b>	<b>HPD - Smartphone App Internal</b>						
	Services	-	-	25	25	25	75
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>75</b>
<b>X-100025</b>	<b>HPD - Body Cameras</b>						
	Other	-	76	76	76	76	304
	Personnel	-	457	457	457	457	1,828
	<b>Project Total</b>	<b>-</b>	<b>533</b>	<b>533</b>	<b>533</b>	<b>533</b>	<b>2,132</b>
<b>X-250002</b>	<b>GSD - Real Estate Module</b>						
	Services	-	-	15	15	15	45
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>45</b>

**GENERAL GOVERNMENT OPERATIONAL IMPACT**  
**2018 - 2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2018-2022
		2018	2019	2020	2021	2022	
X-340013	HPL - Self Service Public Scanning Services	-	-	-	48	48	96
	Project Total	-	-	-	48	48	96
X-650011	ARA - 311 Upgrade or Replacement Other	-	-	-	275	275	550
	Project Total	-	-	-	275	275	550
X-650013	ARA - Permit and Inspection Software Personnel	-	-	112	112	112	336
	Other	-	-	90	90	90	270
	Project Total	-	-	202	202	202	606
X-680012	SAP Performance Testing Tools Other	30	30	30	30	30	150
	Project Total	30	30	30	30	30	150
X-680038	IT Help Desk Software Upgrades Other	-	-	100	100	100	300
	Project Total	-	-	100	100	100	300
X-680042	SAP System to Monitor Interfaces Other	-	-	129	129	129	387
	Project Total	-	-	129	129	129	387
X-680044	Managed Contract Services Other	-	1,810	1,810	1,810	1,810	7,240
	Project Total	-	1,810	1,810	1,810	1,810	7,240
	Total:	(51)	2,594	3,327	4,488	4,683	15,041